

Cephea to Pl. 30. This glaring mistake has been copied by all subsequent writers, and this circumstance seems to indicate that no one of them has taken the trouble of reading the text. We find it reproduced in *Pér.* and *LeS.*, who first distinguished the genus *Cephea*. Their diagnosis of *Cephea cyclophora* is drawn up from Pl. 29, but the name *Medusa Cephea*, and the description on page 208, are referred to among the synonyms; while the *Cephea rhizostomoidea* is drawn up from Pl. 30, and the name *Medusa octostyla Forsk.*, and the description on page 206 referred to. And this runs through the works of Lamarek, DeBlainville, Eschscholtz, Lesson, &c. It is very surprising that the name *Medusa octostyla* should not have excited the attention of compilers, and especially that of such observers as are quoted above. It is true, Forskål's drawing is in so far inaccurate as to represent nine instead of eight cirrhi, and these appendages are not mentioned in his text; but in *Medusa Cephea* he says distinctly, *fila plurima*. Taking my acquaintance of other *Rhizostomidæ* as a guide to interpret the descriptions and figures of Forskål, I do not hesitate to express my conviction that the two species of the celebrated Scandinavian traveller belong to two distinct genera.

*Cephea* *Pér.* and *LeS.*

*C. octostyla* *Ag.* (non *Esch.*, non *Less.*).—*Medusa octostyla Forsk.*, *Descr. An.*, Pl. 29.—*Cephea cyclophora Pér.* and *LeS.*, *Lmk.*, *DeBl.*, *Esch.*, *Less.* (exclus. synonym.), *Milne-Edw.* in *Cuvier's Règne An.*, Pl. 51, fig. 4 (figure copied from *Forskål*; the same in *Encycl. Méth.*).—*Red Sea* (*Forskål*).

*C. ocellata Pér.* and *LeS.*, *Lmk.*, *Esch.*, *DeBl.*, *Less.*.—*Medusa ocellata Mod.*—Origin unknown.

*Polyrhiza* *Agass.*

*Polyrhiza Cephea Ag.*—*Medusa Cephea Forsk.*, *Descr. An.*, Pl. 30.—*Cephea octostyla Esch.*, *Less.* (exclus. synonym.).—*Cephea rhizostomoidea Pér.* and *LeS.*, *Lmk.*, *DeBlainv.* (exclus. synonym.).—*Red Sea* (*Forskål*).

*P. fusca Ag.*—*Cephea fusca Pér.* and *LeS.*, *Lmk.*, *Esch.*, *DeBl.*.—*New Holland, DeWitt's Land* (*Péron* and *LeSueur*).

*P. vesiculosa Ag.*—*Cephea vesiculosa Hemp.* and *Ehrenb.* *Akal. des roth. Meeres.*—*Red Sea* (*Hemprich* and *Ehrenberg*).